

# MATERIAL SAFETY DATA SHEET

MC-X-01042

MSDS NUMBER

2430

Rev. #1

## PRODUCT IDENTIFICATION

TRADE NAME HYFLO SUPER-CEL, HYFLO-P CELITE 570, 573, 576, 599			GENERIC NAME Diatomaceous earth, diatomite		
MANUFACTURER'S NAME Manville International Corporation			CAS NUMBER 68855-54-9		
ADDRESS (STREET) P. O. Box 5108			PHONE NUMBER (303) 978-3120		
CITY Denver	STATE Colorado	ZIP 80217	CHEMICAL STRUCTURE		

## I • PRODUCT INGREDIENTS

MATERIAL	CAS NUMBER	%	TLV
Flux calcined diatomaceous earth	68855-54-9	100	1.9 mppcf 0.08 mg/m3 respirable cristobalite
This product contains approximately 60% free crystalline silica (cristobalite)			
Properties shown herein are characteristic of flux calcined diatomaceous earth.			

## II • PHYSICAL DATA

BOILING POINT N/A	SPECIFIC GRAVITY 2.3
SOLUBILITY IN WATER Slight	PERCENT VOLATILE Nil
APPEARANCE AND ODOR Fine white powder - no odor	

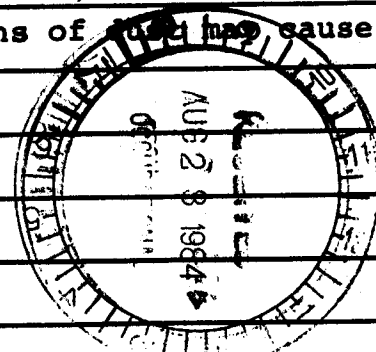
## III • FIRE AND EXPLOSION DATA

FLASH POINT Nonflammable	FLAMMABLE LIMITS	LEL	UEL
EXTINGUISHING MEDIA N/A			
SPECIAL FIREFIGHTING PROCEDURES N/A			
UNUSUAL FIRE OR EXPLOSION HAZARDS N/A			

## IV • HEALTH HAZARD INFORMATION

### HAZARD BY ROUTES OF EXPOSURE (Indicate chronic or acute)

INHALATION	Prolonged exposure to excessive concentrations of dust may cause chronic pulmonary disease.
INGESTION	None
EYE	Transient mechanical irritant
SKIN CONTACT	None
SKIN ABSORPTION	None
SIGNS AND SYMPTOMS ASSOCIATED WITH EXPOSURE OVER TLV Inhalation - irritation, cough, possible impaired pulmonary function.	
Eye - temporary irritation or inflammation	



HEALTH HAZARD INFORMATION CONTINUED ON BACK

**V • HEALTH HAZARD INFORMATION (Continued)****FIRST AID****INHALATION**

Remove to fresh air

**INGESTION**

N/A

**EYE CONTACT**

Flush with copious quantities of water

**SKIN CONTACT**

N/A

**SKIN ABSORPTION**

N/A

**VI • CONDITIONS FOR SAFE USE (When over TLV)****RESPIRATORY PROTECTION**

NIOSH approved respirator for protection against pneumoconiosis-producing dusts.

**EYE PROTECTION**

Not normally required.

**PROTECTIVE GLOVES**

Not normally required.

**OTHER PROTECTIVE CLOTHING/EQUIPMENT**

Not normally required.

**VENTILATION REQUIREMENTS**

Recommended at bag opening stations

**VII • REACTIVITY DATA****IS MATERIAL STABLE?**

Yes

**WILL HAZARDOUS POLYMERIZATION OCCUR?**

No

**INCOMPATIBILITY**

Hydrofluoric acid

**CONDITIONS TO AVOID****HAZARDOUS DECOMPOSITION PRODUCTS**

None

**VIII • SPILL OR LEAK PROCEDURES****STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED**

Vacuum clean spillage. If sweeping is necessary, use a dust suppressant.

Repair broken bags

**WASTE DISPOSAL METHOD**

Material contains crystalline silica (cristobalite).

Dispose in closed containers. Comply with local, state &amp; federal regulations.

**LABELING REQUIRED?**

Yes

**DOT REGULATED?**

No

**DOT NUMBER**

N/A

**RCRA REGULATED?**

No

**RCRA NUMBER**

N/A

**IX • SPECIAL PRECAUTIONS****SPECIAL PRECAUTIONS FOR HANDLING AND STORAGE**

Avoid creating dust. Repair all broken bags.

**OTHER PRECAUTIONS**

See caution label on bag.

**PREPARED BY**

Kenneth A. Roberts

**DATE**

4/27/84

**TITLE**

Mgr., Environmental Services

While the information and recommendations set forth herein are believed to be accurate as of the date hereof, THE MANUFACTURER MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.